



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1100

1. Title of Project: Miami Beach Supervisory Control & Data Acquisition

2. Senate Sponsor: Jason Pizzo

3. Date of Submission: 01/18/2019

4. Project/Program Description:

Project Name: City of Miami Beach Supervisory Control and Data Acquisition (SCADA). This is the priority project for the City of Miami Beach. SCADA is a software system that will operate the City's water, sewage disposal and storm water pumps through automated technology. It is important to the City because it will allow the pumps to be operated efficiently from a central location, and it will identify system failures and prevent public health situations such as failure in the sewage system, causing backup to streets and homes. This is a design/build project.

5. State Agency to receive requested funds : Department of Environmental Protection

State Agency Contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2019-2020

| Type of Funding | Amount |
|------------------------------------|------------------|
| Operations | 1,000,000 |
| Fixed Capital Outlay | |
| Total State Funds Requested | 1,000,000 |

7. Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)

| Type of Funding | Amount | Percent |
|--|------------------|---------------|
| Total State Funds Requested (from question #6) | 1,000,000 | 33.3% |
| Federal | 0 | 0.0% |
| State (excluding the amount of this request) | 0 | 0.0% |
| Local | 2,000,000 | 66.7% |
| Other | 0 | 0.0% |
| Total Project Costs for Fiscal Year 2019-2020 | 3,000,000 | 100.0% |

8. Has this project previously received state funding? No

| Fiscal Year (yyyy-yy) | Amount | | Specific Appropriation # | Vetoed |
|--------------------------|-----------|--------------|-----------------------------|--------|
| | Recurring | NonRecurring | | |
| | | | | |

9. Is future-year funding likely to be requested? No

10. Details on how the requested state funds will be expended

| Spending Category | Description | Amount |
|--|-------------|--------|
| Administrative Costs: | | |
| Executive Director/Project Head Salary and | | |



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| | | |
|--|---|------------------|
| Benefits | | |
| Other Salary and Benefits | | |
| Expense/Equipment/Travel/Supplies/Other | | |
| Consultants/Contracted Services/Study | | |
| Operational Costs: | | |
| Salary and Benefits | | |
| Expense/Equipment/Travel/Supplies/Other | | |
| Consultants/Contracted Services/Study | Supervisory Control & Data Acquisition. Includes building software and placing it physically on the pump stations. Software control panels will be placed on the pump stations to report back on data, such as water levels. Project includes engineering, design integration and installation of a radio-based or equal form of communication and Internet accessible SCADA system for remote monitoring and control of potable water storage tanks and water, wastewater and stormwater pumping stations. | 1,000,000 |
| Fixed Capital Construction/Major Renovation: | | |
| Construction/Renovation/Land/Planning Engineering | | |
| Total State Funds Requested (must equal total from question #6) | | 1,000,000 |

11. Program Performance:

a. What is the specific purpose or goal that will be achieved by the funds requested?

Implementation of a Supervisory Control and Data Acquisition System.

b. What are the activities and services that will be provided to meet the intended purpose of these funds?

The City will hire a contractor to design and build the SCADA system. The system will operate the City's water, sewage disposal and stormwater pumps through automated technology. The goal of this project is to allow the pumps to be operated efficiently from a central location in order to prevent system failures.

c. What are the direct services to be provided to citizens by the appropriations project?

Improved water, sewage disposal and stormwater pump management. Prevention of public health situations such as sewage system failures causing backup to streets and homes.

d. Who is the target population served by this project? How many individuals are expected to be served?

Residents and visitors to Miami Beach - the total daily population is approximately 200,000 individuals.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Benefits will include: Enhance/preserve/improve environmental or fish and wildlife quality; protect the general public from harm; improve wastewater management; and, improve stormwater management. Measures will include: Reduced number of sewage failures; reduced level of flooding; reduced number water main breaks. Methodology will include: Reduced number of incidents recorded; and, reduced number of sewage backups.



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- f. **What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?**

Termination of contract.

12. **The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

N/A - no fixed capital outlay funding is requested. Funds are requested for operating costs.

13. **Requestor Contact Information:**

- a. **Name:** Judy Hoanshelt
- b. **Organization:** City of Miami Beach
- c. **E-mail Address:** judyhoanshelt@miamibeachfl.gov
- d. **Phone Number:** (305)673-7510

14. **Recipient Contact Information:**

- a. **Organization:** City of Miami Beach
- b. **County:** Miami-Dade
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify)
- d. **Contact Name:** Jimmy L. Morales
- e. **E-mail Address:** jimnymorales@miamibeachfl.gov
- f. **Phone Number:** (305)673-7010

15. **Lobbyist Contact Information**

- a. **Name:** JerryMcDaniel-KevinCabrera RanaBrown
- b. **Firm Name:** Southern Strategy Group (Jerry and Kevin)/ Ronald L. Book (Rana)
- c. **E-mail Address:** mcdaniel@sostrategy.com, cabrera@sostrategy.com, rana@rlbook
- d. **Phone Number:** (850)566-6068

Please complete the questions below for Water Projects only

16. **Have you applied for alternative state funding?**

- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant



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Other (Please describe)

N/A

17. What is the population economic status?

Financially Disadvantaged Community (ch. 62-552, F.A.C)

Financially Disadvantaged Municipality (ch. 62-552, F.A.C)

Rural Area of Economic Concern

Rural Area of Opportunity (s. 288-0656, Florida Statutes)

N/A

18. What is the status of construction? Not started

19. What percentage of construction has been completed? 0%

20. What is the estimated completion date of construction? September 30, 2019